

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appl. No.: 09/536,315

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a control device which stores all of the histories of said evaluation results regarding the image quality which respective medical image input devices hold to control the histories thereof centrally; and

a network onto which said plurality of medical image input devices and said control device are connected.

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3. (Twice Amended) A quality control system for medical diagnostic apparatuses, wherein said medical diagnostic apparatuses, wherein said medical diagnostic apparatuses comprise at least one medical image input device, said quality control system comprising:

a plurality of medical image input devices;

a control device which stores all of histories of evaluation results on specified items regarding image quality of individual medical image input devices to control the histories thereof centrally; and

a network onto which said plurality of medical image input devices and said control device are connected.

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14. (Amended) A quality control system for one or more medical diagnostic apparatuses, comprising:

said one or more medical diagnostic apparatuses, wherein at least one of said one or more medical diagnostic apparatuses automatically outputs information relating to image quality of at least one of said one or more medical diagnostic apparatuses;

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a device for strong information relating to the image quality of said one or more medical diagnostic apparatuses; and

a network onto which said one or more medical diagnostic apparatuses and said device are connected.

15. (Amended) A quality control system for medical diagnostic apparatuses, comprising:

a plurality of medical diagnostic apparatuses, wherein said plurality of medical apparatuses comprises at least one medical image input device and at least one medical image output device, said at least one medical image input device having a history of evaluation results related to its image quality;

a control device which stores histories of evaluation results related to image quality of individual medical diagnostic apparatuses, to control the histories thereof centrally; and

a network onto which said plurality of medical diagnostic apparatuses and said control device are connected.

16. (Amended) The quality control system according to claim 15, wherein at least one of said plurality of medical diagnostic apparatuses is said control device.

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18. (Amended) A quality control system for medical diagnostic apparatuses, comprising:

a plurality of medical diagnostic apparatuses, wherein at least one of said plurality of medical diagnostic apparatuses automatically outputs a history of evaluation results on specified

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items regarding image quality of at least one of said plurality of medical diagnostic apparatuses,
to a control device;

said control device stores all histories of evaluation results on specified items regarding
image quality of individual medical diagnostic apparatuses, to control the histories thereof
centrally; and

a network onto which said plurality of medical diagnostic apparatuses and said control
device are connected.

Please add the following new claims:

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19. (New) The quality control system according to claim 1, wherein said image quality
includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum
efficiency (DQE), brightness characteristic of a soft copy display device and resolution
characteristic of the soft copy display device.

20. (New) The quality control system according to claim 3, wherein said image quality
includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum
efficiency (DQE), brightness characteristic of a soft copy display device and resolution
characteristic of the soft copy display device.

21. (New) The quality control system according to claim 14, wherein said image quality
includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum

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efficiency (DQE), brightness characteristic of a soft copy display device and resolution
characteristic of the soft copy display device.

22. (New) The quality control system according to claim 15, wherein said image quality includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum efficiency (DQE), brightness characteristics of a soft copy display device and resolution characteristic of the soft copy display device.

23. (New) The quality control system according to claim 18, wherein said image quality includes at least one of sensitivity, granularity, root mean square (RMS), detective quantum efficiency (DQE), brightness characteristic of a soft copy display device and resolution characteristic of the soft copy display device.

24. (New) The quality control system according to claim 1, wherein said quality control system is applied to a computerized radiography (CR) imaging system.

25. (New) The quality control system according to claim 3, wherein said quality control system is applied to a computerized radiography (CR) imaging system.